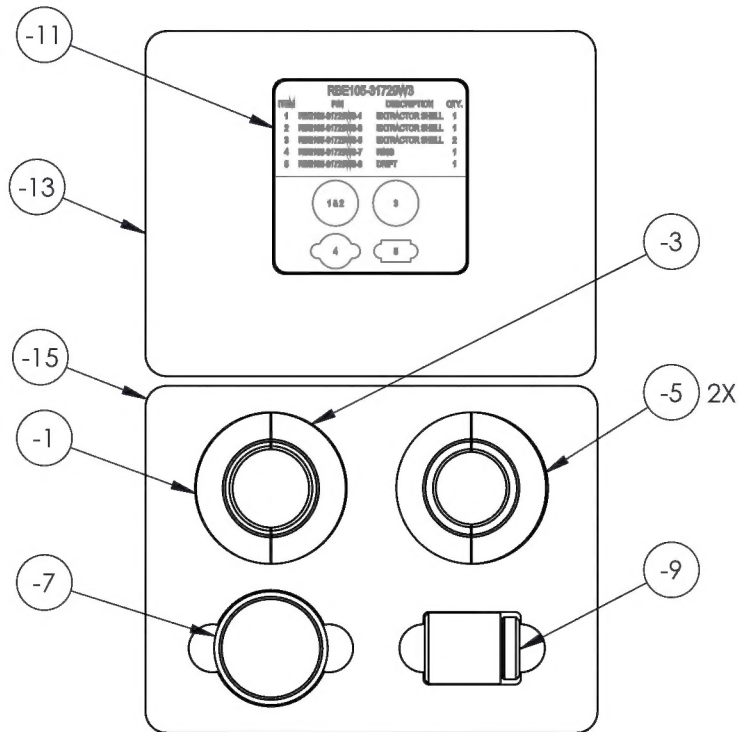


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	2/1/2016	RJC	JAG



NOTE:  
REFERENCE EUROCOPTER T/N 105-31729W3.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.	TITLE		
			-1	1	EXTRACTOR SHELL	4140/4142		2	EXTRACTOR ASSEMBLY		
			-3	1	EXTRACTOR SHELL	4140/4142		3	DWG NO. RBE105-31729W3		
			-5	2	EXTRACTOR SHELL	4140/4142		4	REV 1		
			-7	1	RING	4140/4142 Q & T		5	MAT'L		
			-9	1	DRIFT	4140/4142		6	TREAT		
			-11	1	LOCATION PLACARD	PLASTIC		7	FINISH		
		B/O	-13	1	LID FOAM	Y20 BLACK	1.19 X 7.19 X 9.37 (I.R. SPECIALTY)	8	SPEC		
		B/O	-15	1	BOTTOM FOAM	Y20 BLACK	2.93 X 7.23 X 9.41 (I.R. SPECIALTY)	9	DRAWN BY: CLOUGH		
		B/O	-17	1	CASE	PLASTIC	PELICAN CASE #AP-1200-E	N/S	CHECKED: DUERFELDT		
		B/O		1	DART PLACARD	ALUMINUM	RB41011	N/S	OPPS APPR: ANDERSON		
									QA APPR: LINDSAY		
									APPROVED: GILBERT		
									SCALE 1:4		
									DATE 12/29/2015		
									SHEET 1 OF 9		



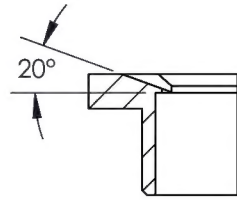
UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
.XXX ± .005 FRACTIONS ± 1/8  
.XX ± .01 ANGLES ± 5°  
.X ± .1 SURFACES = 125°  
1. BREAK ALL SHARP EDGES  
.015 x 45° OR .015R  
2. DIMENSIONAL LIMITS APPLY  
AFTER PLATING  
3. INTERPRET DIM AND TOL PER  
ASME Y14.5M-2009

USED ON MODEL

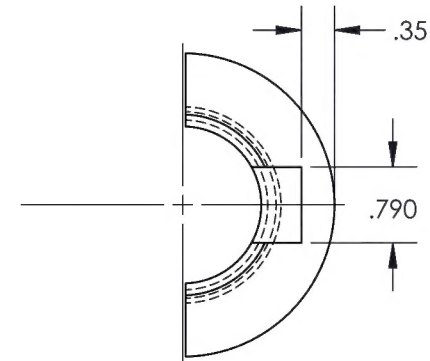
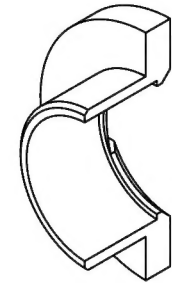
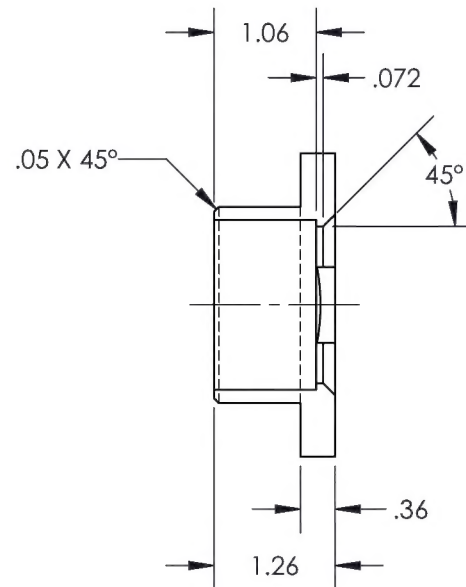
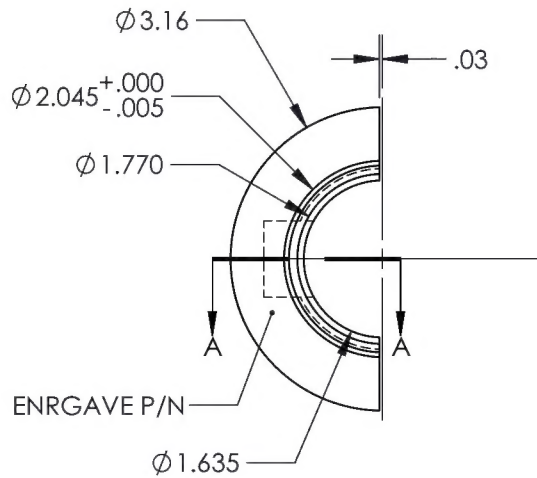
EC145

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				APPROVED



SECTION A-A



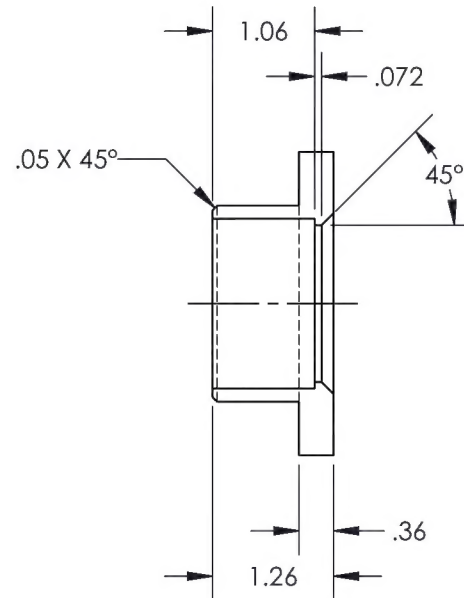
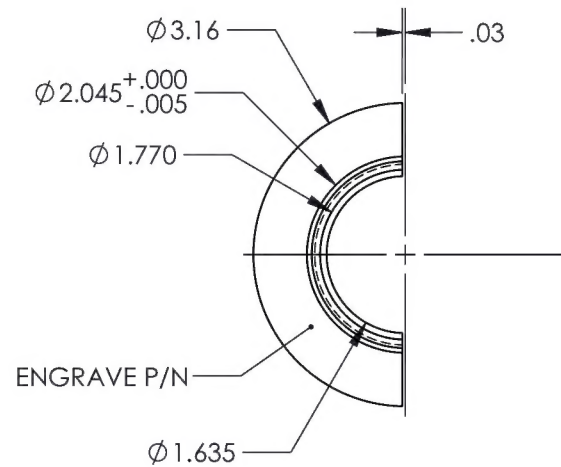
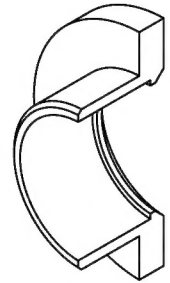
(1)

EXTRACTOR SHELL

<b>DART AEROSPACE</b>	
TITLE <b>EXTRACTOR ASSEMBLY</b>	
DWG NO. <b>RBE105-31729W3-1</b>	REV <b>1</b>
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT RC 38-42	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE I SC 2	.XX ± .01 ANGLES ± 5°
DRAWN BY: CLOUGH	.X ± .1 SURFACES = 125°
CHECKED: DUERFELDT	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	EC145
SCALE 1:2	DATE 12/29/2015
	SHEET 2 OF 9

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REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



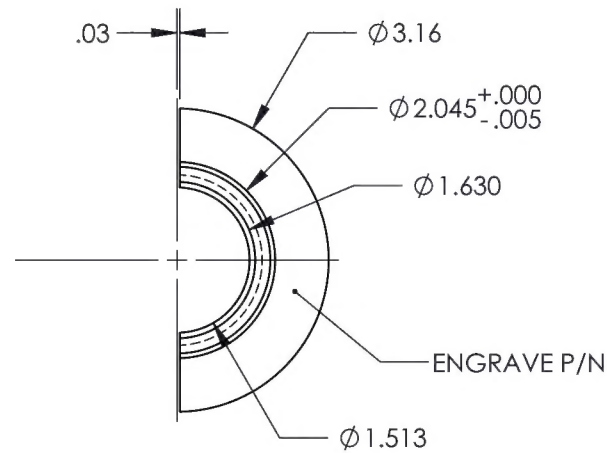
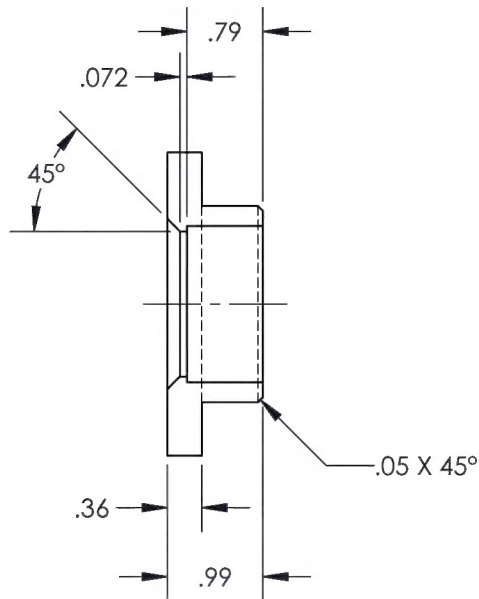
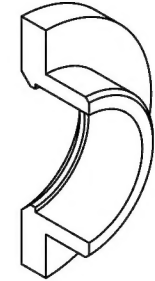
(-3)

EXTRACTOR SHELL

<b>DART AEROSPACE</b>	
TITLE <b>EXTRACTOR ASSEMBLY</b>	
DWG NO. <b>RBE105-31729W3-3</b>	REV <b>1</b>
MAT'L 4140/4142 HEAT RC 38-42 TREAT FINISH ZINC PLATE SPEC ASTM B633 TYPE I SC 2	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125° 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DRAWN BY: <b>CLOUGH</b>	USED ON MODEL
CHECKED: <b>DUERFELDT</b>	<b>EC145</b>
OPPS APPR: <b>ANDERSON</b>	
QA APPR: <b>LINDSAY</b>	
APPROVED: <b>GILBERT</b>	
SCALE 1:2	DATE 12/29/2015
SHEET 3 OF 9	

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REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



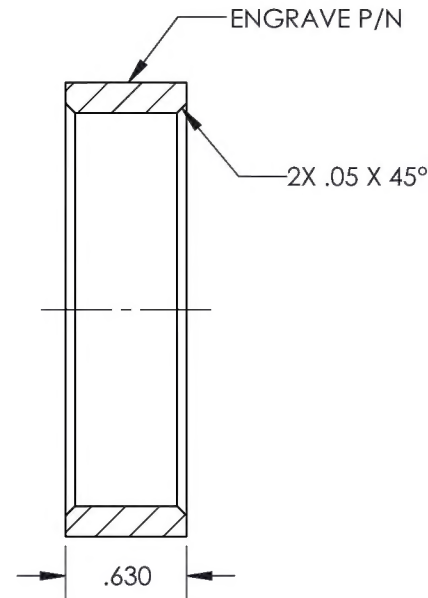
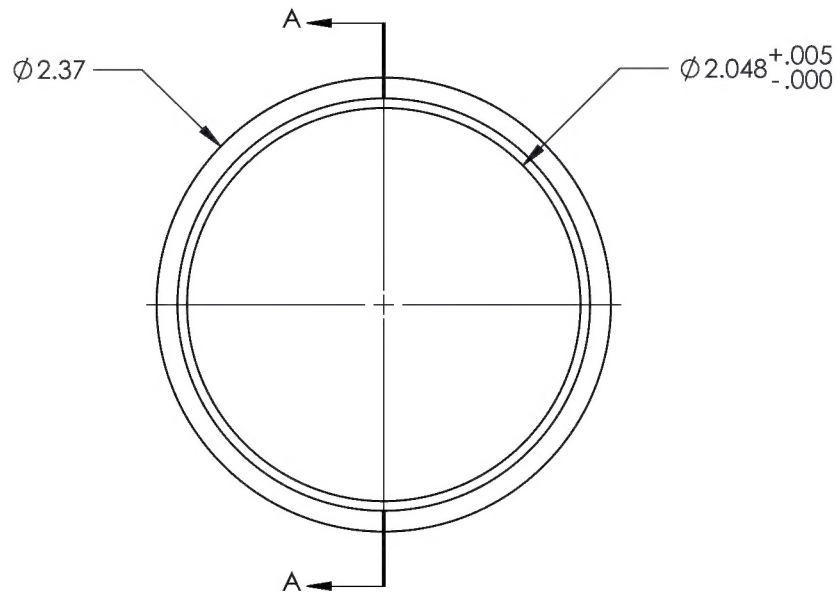
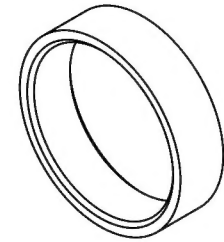
(5)

EXTRACTOR SHELL

<b>DART</b> AEROSPACE	
TITLE <b>EXTRACTOR ASSEMBLY</b>	
DWG NO. <b>RBE105-31729W3-5</b>	REV <b>1</b>
MAT'L 4140/4142	UNLESS OTHERWISE SPECIFIED
HEAT RC 38-42	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE I SC 2	.XX ± .01 ANGLES ± 5°
DRAWN BY: CLOUGH	.X ± .1 SURFACES = 125/✓
CHECKED: DUERFELDT	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	EC145
SCALE 1:2	DATE 12/28/2015
	SHEET 4 OF 9

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REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



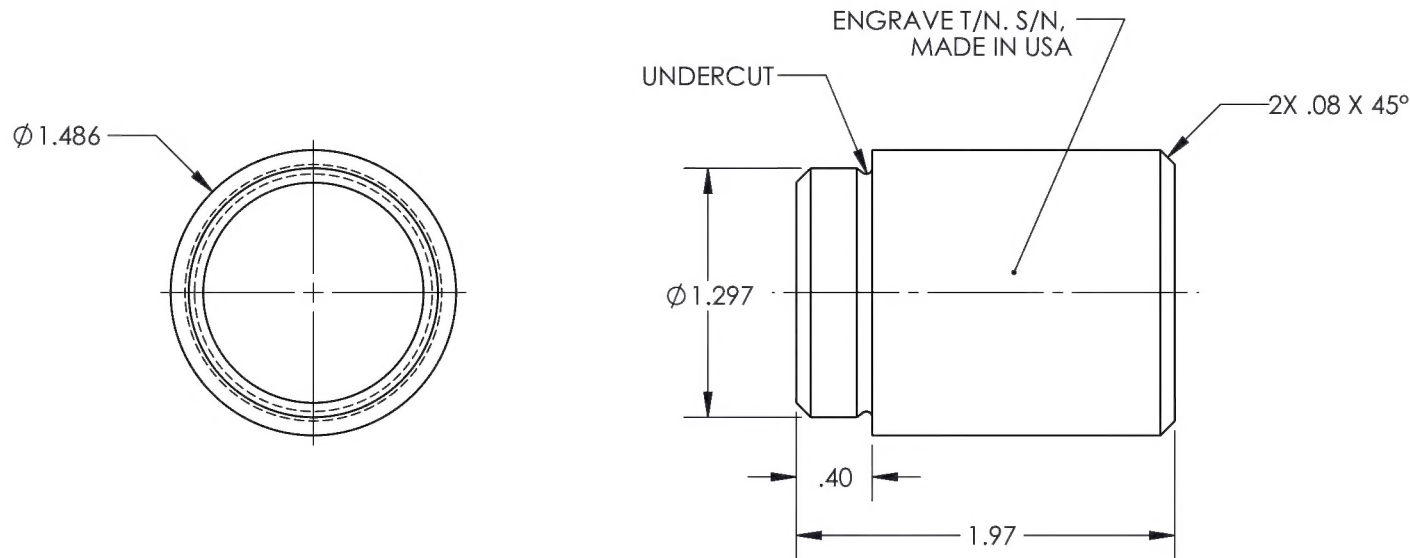
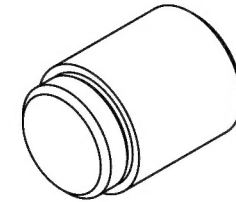
SECTION A-A

(-7)  
RING

<b>DART</b> AEROSPACE	
TITLE <b>EXTRACTOR ASSEMBLY</b>	
DWG NO. <b>RBE105-31729W3-7</b>	REV <b>1</b>
MAT'L 4140/4142 Q & T	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE I SC 2	.XX ± .01 ANGLES ± 5°
DRAWN BY: CLOUGH	.X ± .1 SURFACES = 125
CHECKED: DUERFELDT	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
	USED ON MODEL
	EC145
SCALE 1:1	DATE 12/28/2015
	SHEET 5 OF 9

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REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED

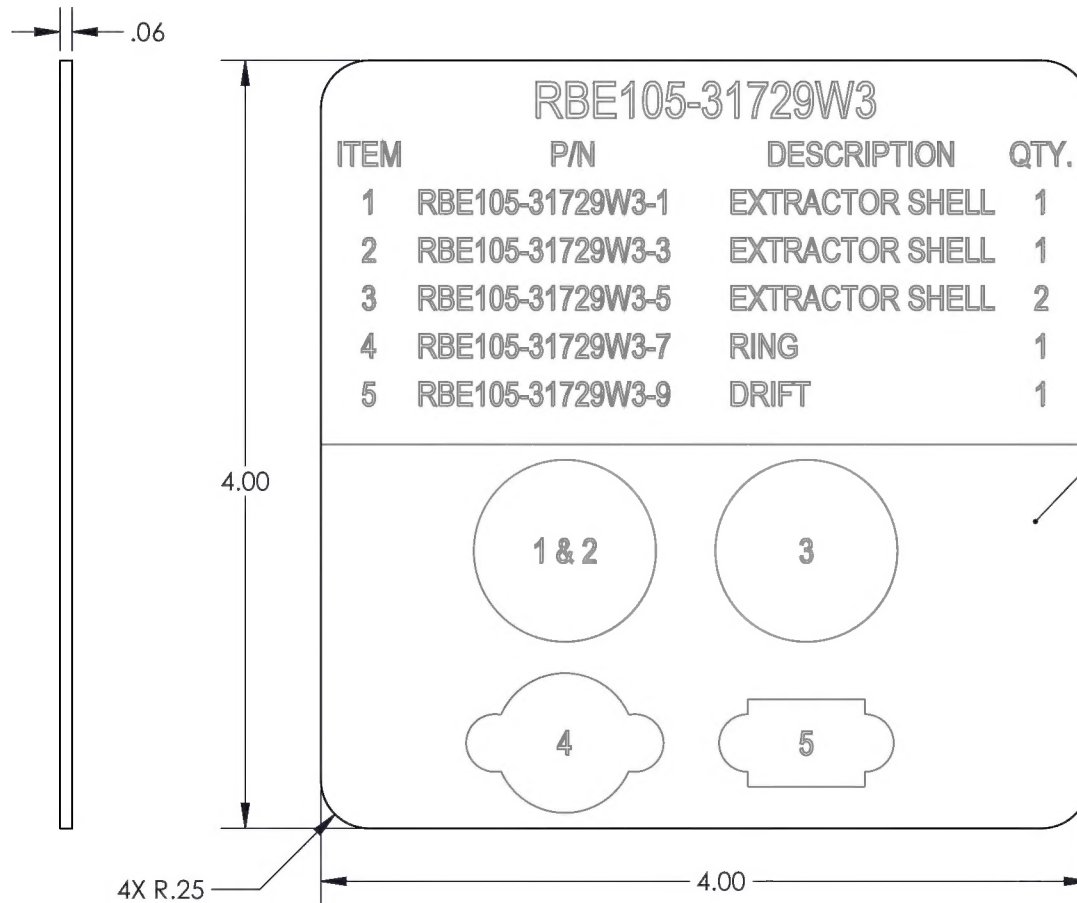


(-9)  
DRIFT

<b>DART AEROSPACE</b>	
TITLE <b>EXTRACTOR ASSEMBLY</b>	
DWG NO. <b>RBE105-31729W3-9</b>	REV <b>1</b>
MAT'L 4140/4142 HEAT RC 38-42 TREAT FINISH ZINC PLATE SPEC ASTM B633 TYPE I SC 2	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX $\pm$ .005 FRACTIONS $\pm$ 1/8 .XX $\pm$ .01 ANGLES $\pm$ 5° .X $\pm$ .1 SURFACES = 125° 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DRAWN BY: CLOUGH	
CHECKED: DUERFELDT	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	USED ON MODEL <b>EC145</b>
SCALE 1:1	DATE 12/28/2015
SHEET 6 OF 9	

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REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED



RBE105-31729W3			
ITEM	P/N	DESCRIPTION	QTY.
1	RBE105-31729W3-1	EXTRACTOR SHELL	1
2	RBE105-31729W3-3	EXTRACTOR SHELL	1
3	RBE105-31729W3-5	EXTRACTOR SHELL	2
4	RBE105-31729W3-7	RING	1
5	RBE105-31729W3-9	DRIFT	1

NOTE:  
USE PDF.

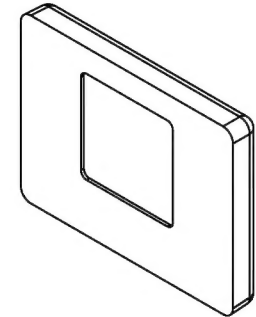
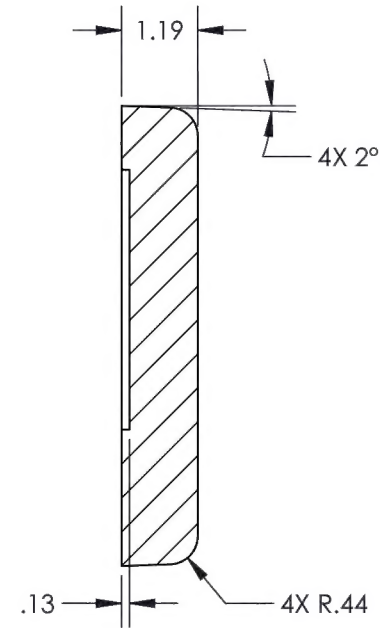
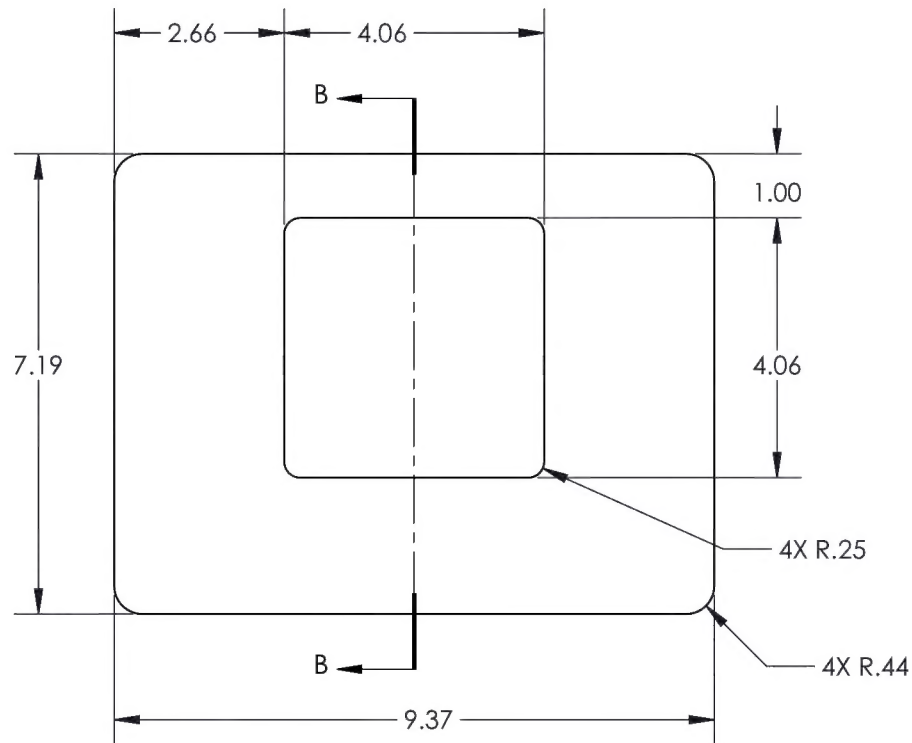
(11)  
LOCATION PLACARD

<b>DART AEROSPACE</b>	
TITLE <b>EXTRACTOR ASSEMBLY</b>	
DWG NO. <b>RBE105-31729W3-11</b>	REV <b>1</b>
MAT'L PLASTIC HEAT TREAT FINISH SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125° ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: <b>CLOUGH</b>	USED ON MODEL <b>EC145</b>
CHECKED: <b>DUERFELDT</b>	
OPPS APPR: <b>ANDERSON</b>	
QA APPR: <b>LINDSAY</b>	
APPROVED: <b>GILBERT</b>	
SCALE <b>1:1</b>	DATE <b>2/1/2016</b>
SHEET 7 OF 9	



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				APPROVED



SECTION B-B

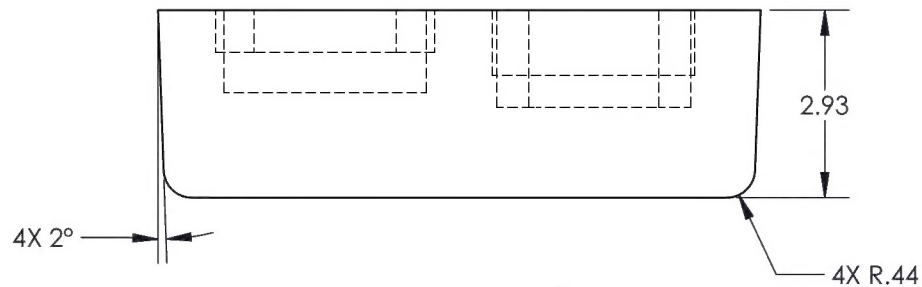
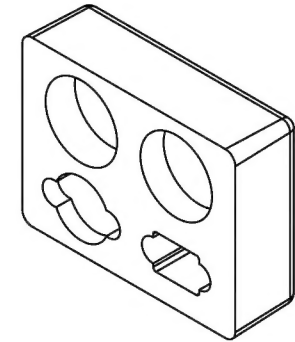
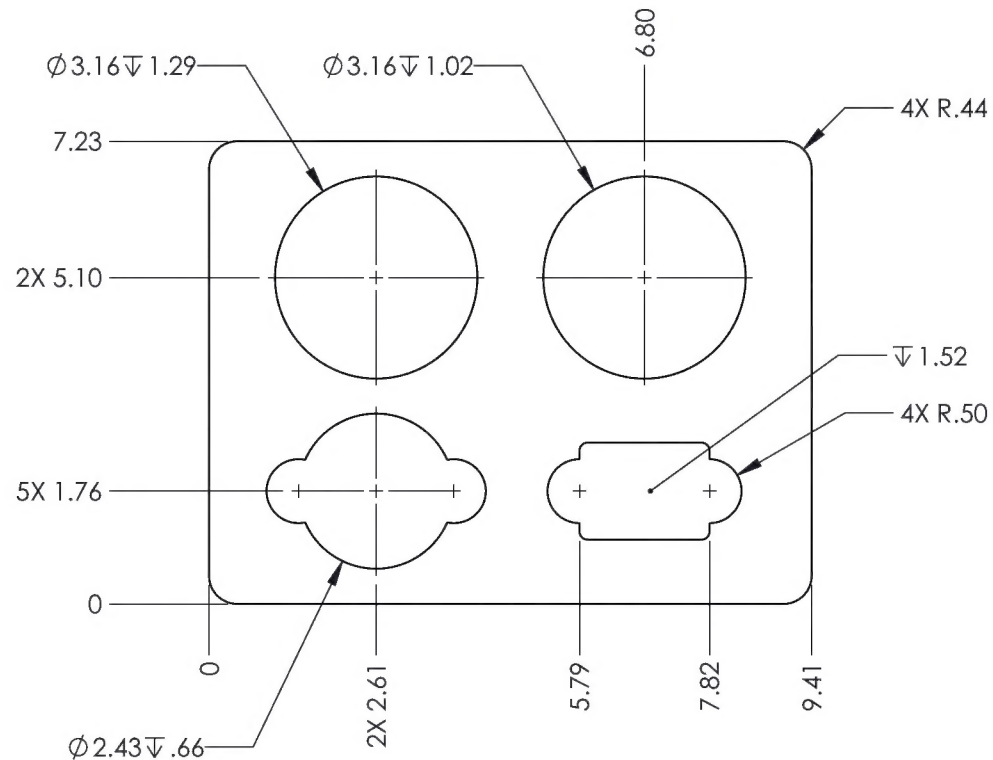
(-13)  
LID FOAM

<b>DART AEROSPACE</b>	
TITLE <b>EXTRACTOR ASSEMBLY</b>	
DWG NO. <b>RBE105-31729W3-13</b>	REV <b>1</b>
MAT'L Y20 BLACK	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125/✓
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES
CHECKED: DUERFELDT	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	EC145
SCALE 1:3	DATE 2/1/2016
	SHEET 8 OF 9



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(-15)

BOTTOM FOAM

<b>DART AEROSPACE</b>	
TITLE <b>EXTRACTOR ASSEMBLY</b>	
DWG NO. <b>RBE105-31729W3-15</b>	REV <b>1</b>
MAT'L Y20 BLACK TREAT FINISH SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX $\pm$ .010 FRACTIONS $\pm$ 1/8 .XX $\pm$ .03 ANGLES $\pm$ 1° .X $\pm$ .1 SURFACES = 125°	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY:	CLOUGH
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL <b>EC145</b>	
SCALE <b>1:3</b>	DATE <b>2/1/2016</b>
SHEET 9 OF 9	